

# Rene Cortese

**Dr. Rene Cortese has vast experience in epigenomics and personalized medicine.**

Cortese studies how complex diseases are affected by epigenetics (traits that don't involve alterations in the DNA sequence, but can be inherited). He focuses on the epigenetic mechanisms involved in children's and women's health, as well as epigenetic phenomena in regulating a person's complete genetic material, known as the genome.

Cortese came to the University of Missouri in 2019, bringing with him a wealth of experience. While serving on the faculty at the University of Chicago, he conducted research that improved understanding of how epigenetics may contribute toward pediatric diseases, including sleep disorders. At Toronto's Centre for Addiction and Mental Health, he helped develop technology to discover biomarkers of colorectal and prostate cancer. He was director of product development at MDxHealth, a company that provides genomic information for personalized cancer treatment and diagnosis. And at Seven Bridges Genomics, a biomedical data analysis company, he served as scientific program manager.

Recognizing his achievements, Cortese has received numerous honors, including the University of Chicago's George M. Eisenberg Foundation for Charities Excellence Award.

Dr. Rene Cortese is a research assistant professor with appointments in child health and in obstetrics, gynecology and women's health in the School of Medicine.

